

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- Claim 1 (currently amended) A method for reducing treating and/or ameliorating a symptom of neuronal damage associated with a cerebral ischemic condition in a mammalian subject, comprising administering to the subject an effective amount of a composition having a non-alpha tocopherol enriched tocopherol composition as its active ingredient, and by said administering, reducing neuronal damage related to said cerebral ischemic condition.
- Claim 2 (Original) The method of claim 1 wherein the non-alpha tocopherol enriched tocopherol composition is a gamma-tocopherol enriched tocopherol composition.
- Claim 3 (Canceled)
- Claim 4 (Original) The method of claim 1 wherein the non-alpha tocopherol enriched tocopherol composition is a beta-tocopherol enriched tocopherol composition.
- Claim 5 (Canceled)
- Claim 6 (Original) The method of claim 1 wherein the non-alpha tocopherol enriched tocopherol composition is a delta-tocopherol enriched tocopherol composition.
- Claim 7 (Canceled)
- Claim 8 (Canceled)
- Claim 9 (Original) The method of claim 1 wherein the cerebral ischemic condition is secondary to an occlusion of the cerebral vasculature.
- Claim 10 (Previously presented) The method of claim 9 wherein the occlusion is due to a thromboembolus.

Claim 11 (currently amended) The method of claim 1 wherein the cerebral ischemic condition ischemia is due to a spasm of the coronary vasculature.

Claim 12 (Original) The method of claim 1 wherein the cerebral ischemic condition is secondary to a cessation of cardiac function.

Claim 13 (Original) The method of claim 1 wherein the cerebral ischemic condition is secondary to a cardiopulmonary bypass procedure.

Claim 14 (Original) The method of claim 1 wherein the cerebral ischemic condition is secondary to a hemorrhagic event in the cerebral vasculature.

Claim 15 (Original) The method of claim 2 wherein said gamma-tocopherol enriched tocopherol composition comprises at least 60% gamma-tocopherol.

Claim 16 (Original) The method of claim 2 wherein said gamma-tocopherol enriched tocopherol composition comprises at least 65% gamma-tocopherol.

Claim 17 (Original) The method of claim 2 wherein said gamma-tocopherol enriched tocopherol composition comprises at least 70% gamma-tocopherol.

Claim 18 (Original) The method of claim 2 wherein said gamma-tocopherol enriched tocopherol composition comprises at least 75% gamma-tocopherol.

Claim 19 (Original) The method of claim 2 wherein said gamma-tocopherol enriched tocopherol composition comprises at least 80% gamma-tocopherol.

Claim 20 (Original) The method of claim 2 wherein said gamma-tocopherol enriched tocopherol composition comprises at least 85% gamma-tocopherol.

Claim 21 (Original) The method of claim 2 wherein said gamma-tocopherol enriched tocopherol composition comprises at least 90% gamma-tocopherol.

Claim 22 (Original) The method of claim 2 wherein said gamma-tocopherol enriched tocopherol composition comprises at least 95% gamma-tocopherol.

Claim 23 (Original) The method of claim 2 wherein said gamma-tocopherol enriched tocopherol composition comprises at least 98% gamma-tocopherol.

Claims 24–32 (Canceled)

Claim 33 (Original) The method of claim 4 wherein said beta-tocopherol enriched tocopherol composition comprises at least 50% beta-tocopherol.

Claim 34 (Original) The method of claim 4 wherein said beta-tocopherol enriched tocopherol composition comprises at least 65% beta-tocopherol.

Claim 35 (Original) The method of claim 4 wherein said beta-tocopherol enriched tocopherol composition comprises at least 75% beta-tocopherol.

Claim 36 (Original) The method of claim 4 wherein said beta-tocopherol enriched tocopherol composition comprises at least 90% beta-tocopherol.

Claim 37 (Original) The method of claim 4 wherein said beta-tocopherol enriched tocopherol composition comprises at least 95% beta-tocopherol.

Claim 38 (Original) The method of claim 4 wherein said beta-tocopherol enriched tocopherol composition comprises at least 98% beta-tocopherol.

Claims 39–41 (Canceled)

Claim 42 (Original) The method of claim 6 wherein said delta-tocopherol enriched tocopherol composition comprises at least 50% delta-tocopherol.

Claim 43 (Original) The method of claim 6 wherein said delta-tocopherol enriched tocopherol composition comprises at least 65% delta-tocopherol.

Claim 44 (Original) The method of claim 6 wherein said delta-tocopherol enriched tocopherol composition comprises at least 75% delta-tocopherol.

Claim 45 (Original) The method of claim 6 wherein said delta-tocopherol enriched tocopherol composition comprises at least 90% delta-tocopherol.

Claim 46 (Original) The method of claim 6 wherein said delta-tocopherol enriched tocopherol composition comprises at least 95% delta-tocopherol.

Claim 47 (Original) The method of claim 6 wherein said delta-tocopherol enriched tocopherol composition comprises at least 98% delta-tocopherol.

Claims 48-50 (Canceled)

Claim 51 (Original) The method of claim 1 wherein said composition is a nutritional composition.

Claim 52 (Original) The method of claim 1 wherein said composition is a pharmaceutical composition.

Claim 53 (Original) The method of claim 1 wherein said composition is administered orally.

Claim 54 (Original) The method of claim 1 wherein said composition is administered parenterally.

Claim 55 (Original) The method of claim 1 wherein said composition comprises a non-alpha tocopherol in a range of 1-1000 mg per kg body weight of said mammalian subject.

Claim 56 (Original) The method of claim 1 wherein said composition comprises a non-alpha tocopherol in a range of 1-50 mg per kg body weight of said mammalian subject.

Claim 57 (Original) The method of claim 1 wherein said composition comprises a non-alpha tocopherol in a range of 10-100 mg per kg body weight of said mammalian subject.

Claim 58 (Previously presented) The method of claim 1, wherein said neuronal damage is neuronal cell death.

Claim 59 (Previously presented) The method of claim 1, wherein said neuronal damage is total cerebral infarct volume.

Claim 60 (Previously presented) The method of claim 1, wherein said neuronal damage is total cerebral ischemic damage.

- Claim 61 (Previously presented) The method of claim 1, wherein said neuronal damage is cerebral tissue edema.
- Claim 62 (Previously presented) The method of claim 1, wherein said neuronal damage is cognitive dysfunction.
- Claim 63 (Previously presented) The method of claim 1, wherein said non-alpha tocopherol is selected from the group consisting of gamma-tocopherol, beta-tocopherol and delta-tocopherol, wherein said non-alpha tocopherol comprises at least 50% of said tocopherol composition.
- Claim 64 (Previously presented) The method of claim 63, wherein said non-alpha tocopherol is gamma-tocopherol, which comprises at least 65% of said tocopherol composition, and wherein alpha-tocopherol comprises less than 20% of said tocopherol composition.
- Claim 65 (Previously presented) The method of claim 64, wherein the gamma-tocopherol comprises at least 75% of said tocopherol composition.
- Claim 66 (Previously presented) The method of claim 64, wherein said gamma-tocopherol comprises at least 80% of said tocopherol composition.
- Claim 67 (Previously presented) The method of claim 63 wherein said non-alpha tocopherol is beta-tocopherol, which comprises at least 65% of said tocopherol composition, and wherein alpha-tocopherol comprises less than 20% of said tocopherol composition.
- Claim 68 (Previously presented) The method of claim 67, wherein the beta-tocopherol comprises at least 75% of said tocopherol composition.
- Claim 69 (Previously presented) The method of claim 67, wherein the beta-tocopherol comprises at least 80% of said tocopherol composition.
- Claim 70 (Previously presented) The method of claim 63 wherein said non-alpha tocopherol is delta-tocopherol, which comprises at least 65% of said tocopherol composition, and wherein alpha-tocopherol comprises less than 20% of said tocopherol composition.

Claim 71 (Previously presented) The method of claim 70, wherein the delta-tocopherol comprises at least 75% of said tocopherol composition.

Claim 72 (Previously presented) The method of claim 70, wherein the delta-tocopherol comprises at least 80% of said tocopherol composition.